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TI Cationic fabric softener concentrates in the form of readily
dispersible creams
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AB Dil. dispersions of cationic fabric conditioners in water undergo
creaming in the presence of dissolved electrolyte to give concd.,
readily dispersible creams which have a spherulitic
structure and contain 8-50% conditioner and 1-15% electrolyte. The
creams are useful, optionally after diln. or addn. to liq. detergent
comps., for softening fabrics during laundering or rinsing. A 90%
soln. of fabric conditioner (ditallow alkyl imidazolium
methosulfate) in iso-PrOH was added to a 5% aq. CaCl₂ soln. at
60.degree., stirred 15 min to give a dispersion contg. 15%
conditioner, and aged 7 days to allow a mobile cream to sep. from a
clear aq. phase. The cream contained 42.3% solids and 0.9%
iso-PrOH.
